

PATENT COOPERATION TREATY

REC'D 04 APR 2005

WIPO

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From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/IB2005/050191

International filing date (day/month/year)
17.01.2005

Priority date (day/month/year)
20.01.2004

International Patent Classification (IPC) or both national classification and IPC
G10L15/26

Applicant
KONINKLIJKE PHILIPS ELECTRONICS, N.V.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☒ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized Officer

Greiser, N

Telephone No. +49 89 2399-7402



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2005/050191

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material:
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing:
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
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International application No.
PCT/IB2005/050191

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-26
	No: Claims	
Inventive step (IS)	Yes: Claims	2-13,15-26
	No: Claims	1,14
Industrial applicability (IA)	Yes: Claims	1-26
	No: Claims	

2. Citations and explanations

see separate sheet

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2005/050191

Re Item V.

1. The following document is cited in the present communication:

D1= DATABASE INSPEC [Online] THE INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB; GAWRONSKA B: "Employing cognitive notions in multilingual summarization of news reports" XP002321498 Database accession no. 7368902.

2. Claim 1 does not meet the requirement of Article 33(3) PCT for the following reason:

Document D1 discloses a method for providing content of a news report (see p. 2, par. [2.1. Background: Implementing a prototype summarization system]; and fig. 1), comprising the steps of:

- extracting one or more mental spaces from said news report (see p. 13, par. ["Input text"]),
- obtaining content based on said mental spaces; and presenting said content (see p. 14, par. ["Summary"]).

In the context of D1, the concept of "mental spaces" comprises verbs and phrases, and phrases with certain nouns, i.e. keywords (see p. 4, par. [2.3. The classification of mental spaces in news reports]).

Furthermore, D1 discloses that the work on mental spaces can be applied to other domains, like dialogs and e-mail correspondence (see p. 15, par. 2). This is a hint to a skilled person. It would readily occur to a skilled person that the disclosed method of D1 can be applied upon a conversation between at least two persons as well. As a result, the skilled person would be lead in an obvious manner to the subject-matter of claim 1 and, hence, claim 1 lacks inventive step.

3. Claim 14 claims a system for providing content to a conversation between at least two persons. Since apparatus claim 14 corresponds to method claim 1, the objections raised against claim 1 apply upon claim 14 as well. As a result, claim 14 lacks inventive step.

**WRITTEN OPINION OF THE
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AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2005/050191

4. Claims 2-13, and 15-26 are new and appear to involve an inventive step.

Re Item VII.

5. Document D1 is relevant background art which, at present, is not indicated by the description (Rule 5.1 (a)(ii) PCT).

Remarks:

6. The draft of a new amended claim 1 could be based upon a combination of subject-matter of originally filed claims 1 and 2. Such an amended claim would be considered to be new and inventive. The attention is also drawn to Rule 5.1 (a)(iii) PCT.

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International application No.
PCT/IB2005/050191

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1. Statement

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	No: Claims	
Inventive step (IS)	Yes: Claims	2-13,15-26
	No: Claims	1,14
Industrial applicability (IA)	Yes: Claims	1-26
	No: Claims	

2. Citations and explanations
see separate sheet

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In the context of D1, the concept of "mental spaces" comprises verbs and phrases, and phrases with certain nouns, i.e. keywords (see p. 4, par. [2.3. The classification of mental spaces in news reports]).

Furthermore, D1 discloses that the work on mental spaces can be applied to other domains, like dialogs and e-mail correspondence (see p. 15, par. 2). This is a hint to a skilled person. It would readily occur to a skilled person that the disclosed method of D1 can be applied upon a conversation between at least two persons as well. As a result, the skilled person would be lead in an obvious manner to the subject-matter of claim 1 and, hence, claim 1 lacks inventive step.

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